

TITLE: ONLINE TICKET BOOKING SYSTEM

PRESENTING BY D-14 SUB GROUP

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Project Description:

To create a web Site resembling AMB, allowing users to browse and book tickets for movies, Sports, events

Features:

1) Movie Listings Page:

- . Display a list of available movies with their titles, descriptions, and images.
- . Each movie should have a "Book Now" button.

2) Booking Page:

- . When a user clicks on the "Book Now" button, they should be directed to a booking pages.
- . Display movie details such as title, description, showtimes, and available seats.
- . Allow users to select seats from a seating layout.
- . Provide a form for the user to enter their details (name, email, etc.).
- . Include a "Confirm Booking" button to finalize the booking.

3) Confirmation Page:

- . After confirming the booking, display a confirmation message with booking details.
- . Provide an option to go back to the movie listings or view booking history.

4) CSS Styling:

- . Applying CSS styles to make the application visually appealing and user-friendly.
- . Ensure proper layout and spacing for elements.
- . Using a responsive design to make the application mobile-friendly.

5) JavaScript Functionality:

- . Implementing dynamic interactions using JavaScript.
- . Updating the seating layout based on user selections.
- . Validating user inputs in the booking form.
- . Handling the booking process, including seat selection and confirmation.
- . Using local Storage or session Storage to store temporary data (e.g., selected seats)

6) Tech Stack:

- . **HTML:** Structure the web pages using HTML markup.
- . **CSS:** Style the web pages using CSS for layout, colours, fonts, etc.
- . **JavaScript:** Adding interactivity and dynamic behaviour to the web pages using JavaScript.

IMPLEMENTATION OF IDEA:

1) Project Setup:

- . Creating a new directory for our project.
- . project structure with separate directories for HTML, CSS, and JavaScript files.
- . Creating an HTML file like index.html as the entry point for your website.
- . Linking CSS and JavaScript files to our HTML file using `<link>` and `<script>` tags.

2) Design Layout:

- . Designing the layout of our website using HTML
- . Defining the structure of elements such as header, main content area, movie listings, etc.
- . Using CSS to style the layout and elements.
- . Applying the colours, fonts, spacing, and other visual properties to achieve the desired look and feel.

3) Dynamic Content Generation:

- . Using JavaScript to dynamically generate content for our website.
- . This could include fetching movie data from an manually defining movie objects.
- . Creating functions to populate the movie listings section with movie cards containing details such as title, description, and image.
- . Ensuring that the generated content is responsive and adapts well to different screen sizes.

4) Functionality and Interactivity:

- . Implementing functionality to handle user interactions, such as clicking on movie cards to view details or booking tickets.
- . Developing features like booking tickets, filtering or searching for movies, and navigating between different sections or pages of the website

5) Testing and Refinement:

- Testing our website thoroughly on different web browsers and devices to ensure compatibility and responsiveness